Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

As a below named inventor, I hereby declar that:
My residence, post office address and citizenship are as stated next to my name.
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled
OFDM RECEIVER FOR EASILY SYNCHRONIZING
BASE BAND SIGNAL
Ihe specification of which is attached hereto unless the following box is checked: was filed on as United States Application Number or PCT International Application Number and was amended on (If applicable).
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as
amended by any amendment referred to above.

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

Japanese Language Declaration

(日本語宣言書)

私は、米国法典第35編119条(a)-(d) 項又は365条 (b) 項に基き下記の、 米 国以外の国の少なくとも一ヵ国を折 定している特許協力条約 3 6 5 (a) 頃に基ずく国際出版、又 は外国での特許出願もしくは発明者証の出願についての外国 優先権をここに主張するとともに、優先権を主張している。 本出版の前に出願された特許または発明者証の外国出版を以 下に、枠内をマークすることで、示しています。

Prior Foreign Application(s)

外国での先行出職 2002-270483 Japan (Number) (Country) (番号) (国名) (Number) (Country) (番号) (国名)

私に、第35編米国法典119条(e)項に基いて下記の米 国特許出願規定に記載された権利をここに主張いたします。。

(Application No.) (出願番号)

示義務があることを認識しています。

(Filing Date)

(出顧日)

私は、下記の米国法典第35編120条に基いて下記の米 国特許出願に記載された権利、 又は米国を指定している特許 協力条約365条(c)に基ずく権利をここに主張します。ま た、本出類の各請求範囲の内容が米国法典第35編112条 第1項又は特許協力条約で規定された方法で先行する米国特 許出類に開示されていない限り、その先行米国出願古提出日 以降で本出願書の日本国内または特許協力条約国際提出日ま での期間中に入手された、連邦規則法典第37編1条56項 で定義された特許資格の有無に関する重要な情報について開

(Application No.) (Filing Date) (出願番号) (出願日) (Application No.) (Filing Date) (出願登号) (出類日)

私は、私自身の知識に基ずいて本宣言書中で私が行なう表 明が真実であり、かつ私の入手した情報と私の信じるところ に基すく表明が全て真実であるとはしていること、さらに故 意になされた虚偽の表明及びそれと同等の行為は米国法典第 18編第1001条に基ずき、罰金または拘禁、もしくはそ の両方により処罰されること、そしてそのような故意による 虚偽の声明を行なえば、出願した、又は既に許可された特許 の有効性が失われることを認識し、よってここに上記のごと く宣誓を致します。

I hereby claim foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

> **Priority Not Claimed** 優先権主張なし

September 17, 2002 n (Day/Month/Year Filed) (出賦年月日) (Day/Month/Year Filed) \Box (出戰年月日)

I hereby claim the benefit under Title 35. United States Code, Section 119(e) of any United States provisional application(s) listed below.

> (Application No.) (出願番号)

(Filing Date) (出顧日)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, 1 acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations. Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

> (Status: Patented, Pending, Abandoned) (現況: 特許許可済、係属中、放棄済)

> (Status: Patented, Pending, Abandoned) (現況: 特許許可済、係属中、故薬済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Japanese Language Declaration 🥠

(日本語宣言書)

委任状: 私は下記の発明者として、本出顧に関する一切の 手続きを米特許商標局に対して遂行する弁理士または代理人 として、下記の者を指名いたします。(弁護士、または代理 人の氏名及び登録番号を明記のこと)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application, and transact all business, in the Patent and Trademark Office connected therewith (list name and registration number)

See Attachment A

古须送付先

Send Correspondence to:

Brinks Hofer Gilson & Lione P.O. Box 10395

Chicago, Illinois 60610

(312) 321-4200

直接電話連絡先: (名前及び電話番号)

Direct Telephone Calls to: (name and telephone number)

唯一または第一発明者名		Full name of sole or first inventor
		Yukio Ohtaki
発明者の著名	日付	Inventor's signature Pukio Ohtaki August 1, 200
注所		Residence Fukushima-ken, Japan
刘择		Citizenship Japan
私古商		Post Office Address C/O ALPS ELECTRIC CO., LTD.
		1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan
第二共同発明者		Full name of second joint inventor, if any Kouta Iijima
	n I k	
第二共同発明者	8付 ,	Second inventor's signature Date Low Limma August 1, 2
住所		Residence
	,	Fukushima-ken, Japan
国籍		Citizenship
		Japan
私杏茶		Post Office Address C/O ALPS ELECTRIC CO., LTD.

(第三以降の共同発明者についても同様に記載し、署名をす

(Supply similar information and signature for third and subsequent joint inventors.)

ること)

第三共同発明者 日付 Third inventor's signature Date Takes Suguki August 1, 2003 Residence Fukushima-ken, Japan Citizenship Japan Post Office Address c/o ALPS ELECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan 第四共同発明者 日付 Pourth inventor's signature Date 住所 Residence D Citizenship 私書名 Post Office Address c/o ALPS ELECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan # Pourth inventor's signature Date # Post Office Address c/o ALPS ELECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan # Tull name of fifth joint inventor, if any # Tull name of fifth joint inventor, if any # Tull name of fifth joint inventor, if any # Tull name of fifth joint inventor, if any # Tull name of fifth joint inventor, if any # Tull name of fifth joint inventor, if any	第三共同発明者	Full name of third joint inventor, if any Takeo Suzuki
使用 Residence Fukushima-ken, Japan Citizenship Japan Citizenship Japan Adm Post Office Address c/o ALPS ELECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan 第四共同発明者 日付 Pourth inventor's signature Date 住所 Residence Citizenship Citizenship Adm Post Office Address c/o ALPS ELECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan Post Office Address c/o ALPS ELECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan 第五共同発明者 Pull name of fifth joint inventor, if any 第五共同発明者 日付 Pifth inventor's signature Date 住所 Residence Citizenship Residence	第二共同番組者 口付	
使用 Residence / Fukushima-ken, Japan Citizenship Japan Aaa Post Office Address c/o ALPS ELECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan 第四共同発明者 日付 Pourth inventor's signature Date 住所 Residence Citizenship Citizenship Aaa Post Office Address c/o ALPS ELECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan 第五共同発明者 Post Office Address c/o ALPS ELECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan 第五共同発明者 Pull name of fifth joint inventor, if any 第五共同発明者 Pifth inventor's signature Date 住所 Residence Citizenship Citizenship	######################################]
Fukushima-ken, Japan Citizenship Japan Post Office Address c/o ALPS ELECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan 第四共同発明者 Pull name of fourth joint inventor, if any 第四共同発明者 日付 Pourth inventor's signature Date 住所 Residence G着 Citizenship Aaaa Post Office Address c/o ALPS ELECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan 第五共同発明者 Full name of fifth joint inventor, if any 第五共同発明者 日付 Pifth inventor's signature Date 住所 Residence Citizenship Citizenship Citizenship Aaaa Post Office Address c/o ALPS ELECTRIC CO., LTD.	サエ	
国籍	世が	
基書箱 Post Office Address c/o ALPS RIECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan 第四共阿発明者 Pull name of fourth joint inventor, if any 第四共阿発明者 日付 Pourth inventor's signature Date 住所 Residence Gf Citizenship 私書箱 Post Office Address c/o ALPS RIECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan 第五共阿発明者 日付 Fifth inventor's signature Date 住所 Residence G Citizenship 第五共阿発明者 日付 Fifth inventor's signature Date 任所 Residence D Post Office Address c/o ALPS RIECTRIC CO., LTD.		
A 書名 Post Office Address c/o ALPS ELECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan 第四共阿発明者 Pull name of fourth joint inventor, if any 第四共阿発明者 日付 Pourth inventor's signature Date 住所 Residence 図第 Citizenship 私書者 Post Office Address c/o ALPS ELECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan 第五共阿発明者 Pull name of fifth joint inventor, if any 第五共阿発明者 日付 Pifth inventor's signature Date 住所 Residence D Citizenship Ala Post Office Address c/o ALPS ELECTRIC CO., LTD.	囚若	Citizenship
#四共阿発明者 日付 Pourth inventor's signature Date 住所 Residence Citizenship Full name of fifth joint inventor, if any 第五共阿発明者 日付 Pifth inventor's signature Date 性所 Citizenship Rational Post Office Address c/o ALPS ELECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan Full name of fifth joint inventor, if any 第五共阿発明者 日付 Pifth inventor's signature Date 性所 Residence Citizenship Post Office Address c/o ALPS ELECTRIC CO., LTD.	·	Japan
第四共同発明者 Pull name of fourth joint inventor, if any 第四共同発明者 日付 Pourth inventor's signature Date 住所 Residence 国育 Citizenship 私書第 Post Office Address c/o ALPS ELECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan 第五共同発明者 日付 Fifth inventor's signature Date 住所 Residence 位所 Post Office Address c/o ALPS ELECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan 第五共同発明者 日付 Fifth inventor's signature Date 在所 Residence D Post Office Address c/o ALPS ELECTRIC CO., LTD.	私書箱	
第四共阿発明者 Pull name of fourth joint inventor, if any 第四共阿発明者 日付 Pourth inventor's signature Date 住所 Residence Gitizenship Alan Post Office Address C/O ALPS ELECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan 第五共阿発明者 Pull name of fifth joint inventor, if any 第五共阿発明者 日付 Pifth inventor's signature Date 住所 Residence Gitizenship Post Office Address C/O ALPS ELECTRIC CO., LTD.		
第四共同兒明者 日付 Pourth inventor's signature Date 住所 Residence 国海 Citizenship 私書箱 Post Office Address c/o ALPS ELECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan 第五共同兒明者 Pull name of fifth joint inventor, if any 第五共同兒明者 日付 Pifth inventor's signature Date 住所 Residence 国海 Citizenship 私書箱 Post Office Address c/o ALPS ELECTRIC CO., LTD.		1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan
第四共同兒明者 日付 Pourth inventor's signature Date 住所 Residence 国海 Citizenship 私書箱 Post Office Address c/o ALPS ELECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan 第五共同兒明者 Pull name of fifth joint inventor, if any 第五共同兒明者 日付 Pifth inventor's signature Date 住所 Residence 国海 Citizenship 私書箱 Post Office Address c/o ALPS ELECTRIC CO., LTD.		
使所 Residence Citizenship 私書第 Post Office Address c/o ALPS ELECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan 第五共同発明者 Pull name of fifth joint inventor, if any 第五共同発明者 日付 Pifth inventor's signature Date 住所 Residence D符 Citizenship 私書第 Post Office Address c/o ALPS ELECTRIC CO., LTD.	第四共同発明者	Pull name of fourth joint inventor, if any
图第 Citizenship 私書箱 Post Office Address c/o ALPS BLECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan 第五共同発明者 Pull name of fifth joint inventor, if any 第五共同発明者 日付 Pifth inventor's signature Date 住所 Residence Citizenship 私書箱 Post Office Address c/o ALPS BLECTRIC CO., LTD.	第四共同発明者 日付	Pourth inventor's signature Date
和書籍 Post Office Address c/o ALPS BLECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan 第五共同発明者 Full name of fifth joint inventor, if any 第五共同発明者 日付 Pifth inventor's signature Date 住所 Residence Citizenship N書籍 Post Office Address c/o ALPS BLECTRIC CO., LTD.	住所	Residence
定/o ALPS BLECTRIC CO., LTD. 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan 第五共同発明者 Full name of fifth joint inventor, if any 第五共同発明者 日付 Fifth inventor's signature Date 住所 Residence 位所 Citizenship 私書箱 Post Office Address c/o ALPS BLECTRIC CO., LTD.	因舞	Citizenship
第五共同発明者 Full name of fifth joint inventor, if any 第五共同発明者 日付 Fifth inventor's signature Date 住所 Residence Citizenship Post Office Address c/o ALPS BLECTRIC CO., LTD.	私書籍	Post Office Address
第五共同発明者 Full name of fifth joint inventor, if any 第五共同発明者 日付 Fifth inventor's signature Date 住所 Residence Citizenship Post Office Address c/o ALPS ELECTRIC CO., LTD.		c/o ALPS ELECTRIC CO., LTD.
第五共同発明者 日付 Fifth inventor's signature Date 住所 Residence D第 Citizenship Na Post Office Address c/o ALPS ELECTRIC CO., LTD.		1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan
任所 Residence D符 Citizenship 私書箱 Post Office Address c/o ALPS ELECTRIC CO., LTD.	第五共同発明者	Full name of fifth joint inventor, if any
四篇 Citizenship Na Post Office Address c/o ALPS ELECTRIC CO., LTD.	第五共同発明者 日付	Fifth inventor's signature Date
私書箱 Post Office Address c/o ALPS ELECTRIC CO., LTD.	住所	Residence
c/o ALPS ELECTRIC CO., LTD.	四 符	Citizenship
	私書箱	Post Office Address
1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan		· · · · · · · · · · · · · · · · · · ·
		1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan

ATTACHMENT A

Guy W. Shoup	26,805
Gustavo Siller, Jr.	32,305
Jasper W. Dockrey	33,868
John C. Freeman	34,483
William F. Prendergast	34,699
Michael E. Milz	34,880
Tadashi Horie	40,437
Joseph F. Hetz	41,070
Jason C. White	42,223
James A. Collins	43,557
Anthony P. Curtis	46,193